

## **ABSTRACT**

An apparatus and method are provided for determining the fuel level in a fuel tank. The apparatus includes an acoustic transducer arranged to transmit an acoustic signal and receive a reflected signal. A float remains buoyant at the surface of the fuel in the tank and has a reflective portion for receiving the acoustic signal and reflecting the reflected signal therefrom. An interface circuit is connected to the transducer and measures an elapsed time between transmitting the acoustic signal and receiving the reflected signal. The interface then produces an output as a function of the elapsed time that is indicative of the fuel level in the fuel tank.